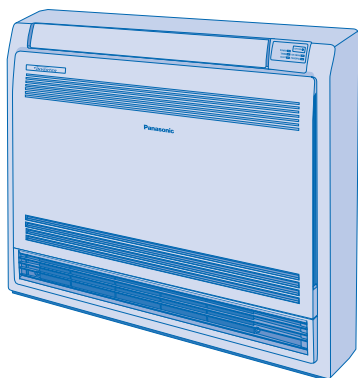




Panasonic®

Operating Instructions Air Conditioner

Indoor Unit

CS-E9GFEW
CS-E12GFEW
CS-E18GFEW

Outdoor Unit

CU-E9GFE
CU-E12GFE
CU-E18GFE



ENGLISH

2 ~ 7

Before operating the unit, read these operating instructions thoroughly and keep them for future reference.

ESPAÑOL

8 ~ 13

Antes de utilizar la unidad, sírvase leer atentamente estas instrucciones de funcionamiento y conservarlas como futuro elemento de consulta.

PORTUGUÊS

14 ~ 19

Antes de ligar a unidade, leia cuidadosamente este manual de utilização e guarde-o para futura referência.

ΕΛΛΗΝΙΚΑ

20 ~ 25

Προτού θέσετε τη μονάδα σε λειτουργία, διαβάστε προσεκτικά αυτές τις οδηγίες χρήσης και φυλάξτε τις για μελλοντική αναφορά.

**QUICK GUIDE/GUÍA RÁPIDA
GUÍA RÁPIDO!
ΣΥΝΤΟΜΟΣ ΟΔΗΓΟΣ**



Manufactured by:

Panasonic HA Air-Conditioning (M) Sdn. Bhd.

Lot 2, Persiaran Tengku Ampuan, Section 21, Shah Alam Industrial Site, 40300 Shah Alam, Selangor, Malaysia.

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SAFETY PRECAUTIONS

DEFINITION

To prevent personal injury, injury to others, or property damage, please observe the following.

Incorrect operation due to failure to follow instructions may cause harm or damage, the seriousness of which is classified as below:



Warning

This sign warns of death or serious injury.



Caution

This sign warns of injury or damage to property.

The instructions to be followed are classified by the following symbols:



This symbol denotes an action that is **PROHIBITED**.



These symbols denote actions that are **COMPULSORY**.



Warning



Caution

Remote Control

During Operation



- Do not use rechargeable (Ni-Cd) batteries.
- Do not allow infants and small children to play with the remote control to prevent them from accidentally swallowing the batteries.



- Remove the batteries if the unit is not going to be used for a long period of time.
- New batteries of the same type must be inserted following the polarity stated to prevent malfunction of the remote control.

Indoor Unit

During Installation



- Do not install, remove and reinstall the unit by yourself; improper installation will cause leakage, electric shock or fire. Please consult an authorized dealer or specialist for the installation work.

During Operation



- Do not insert your fingers or other objects into the indoor or outdoor unit.
- Do not attempt to repair the unit by yourself.

Indoor Unit

During Installation



- Do not install the unit in a potentially explosive atmosphere.



- Ensure that the drainage pipe is connected properly. Otherwise, leakage may occur.

During Operation



- Do not wash the unit with water, benzene, thinner or scouring powder.
- Do not use for other purposes such as preservation of food.
- Do not use any combustible equipment in front of the airflow outlet.
- Do not expose directly to cold air for a long period.



- Aerate the room regularly.

Power Supply

During Operation



- Switch off the power supply before cleaning or servicing.
- Turn off the power supply if the unit is not used for a long period of time.
- This air conditioner is equipped with a built-in surge protective device. However, in order to further protect your air conditioner from being damaged by abnormally strong lightning activity, you may want to disconnect it from the power supply. Do not touch the air conditioner during lightning, it may cause electric shock.

Power Supply

During Installation



- This equipment must be earthed and installed with ELCB. Otherwise, it may cause electrical shock or fire in case of malfunction.

During Operation



- Do not share the same power outlet with other equipment.
- Do not modify power cords.
- Do not use extension cords.
- Do not operate with wet hands.
- Use the specified supply cord.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



- In case of emergency or abnormal conditions (burnt smell, etc), turn off the power supply, and consult your nearest dealer.

Outdoor Unit

During Installation



- Ensure that the drainage pipe is connected properly. Otherwise, leakage may occur.

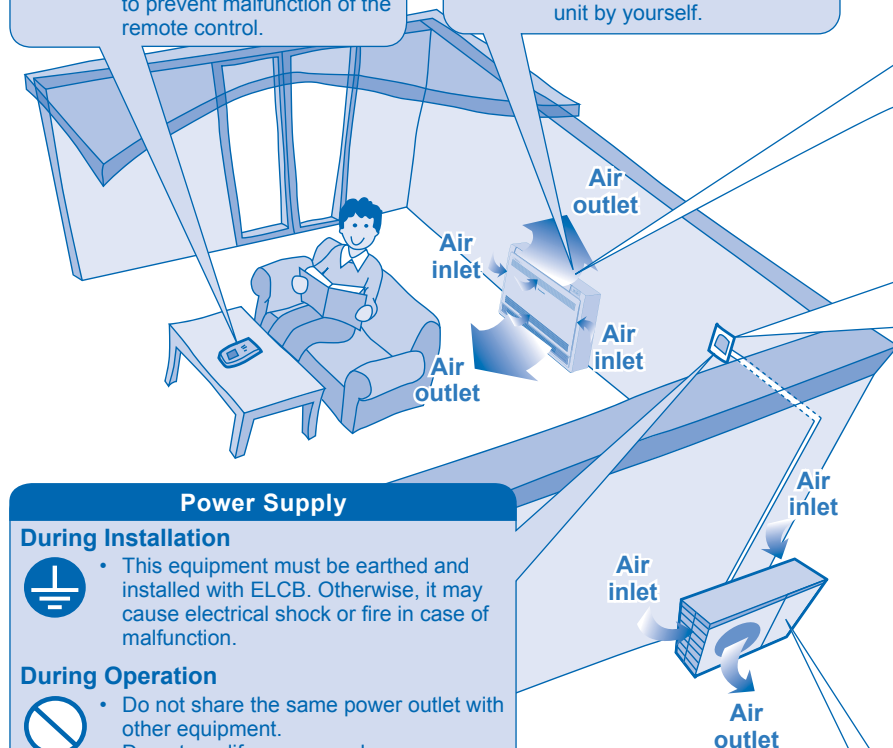
During Operation



- Do not sit or place anything on the indoor or outdoor unit.



- After long periods of use, make sure the installation rack is not damaged.



REGULATORY INFORMATION

The appliance is not intended for use by young children or the infirm person without supervision. Young children should be supervised to ensure that they do not play with the appliance.



ENVIRONMENTAL REQUIREMENTS

Battery Disposal

The batteries must be recycled or disposed of properly.



END-OF-LIFE DISPOSAL

"Instructions for end-user" for air conditioners:

This air conditioner bears the above mark, indicating that electrical equipment should not be disposed of alongside general household waste. European Community countries (*), should have a dedicated collection system for these products. Do not try to dismantle the system yourself as this could have harmful effects on your health and on the environment as a result of incorrect waste handling. This dismantling and disposal of refrigerant, oil and other parts must be done by a qualified installer in accordance with relevant local and national regulations. Air conditioners must be treated at a specialized treatment facility for re-use, recycling and recovery and should not be disposed of in the municipal waste stream. Please contact your installer, dealer or local authority for more information. Penalties may also be applicable for incorrect disposal of waste products, in accordance with national legislation.

**subject to the national law of each member state*

Information on Disposal in other countries outside the European Union

This symbol is only valid in the European Union. If you wish to discard this product, please contact your installer, dealer or local authority and ask for the correct method of disposal.

OPERATION CONDITION

Use this air conditioner under the following temperature range.

Temperature (°C)		Indoor		Outdoor	
		*DBT	*WBT	*DBT	*WBT
COOLING	Maximum	32	23	43	26
	Minimum	16	11	16	11
HEATING	Maximum	30	—	24	18
	Minimum	16	—	-5	-6

*DBT: Dry bulb temperature

*WBT: Wet bulb temperature

Thank you for purchasing
Panasonic Air Conditioner

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QUICK GUIDE

Back cover

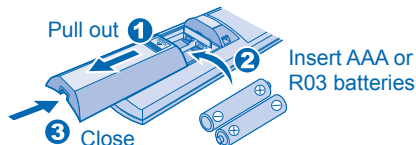
Note:

The illustrations in this manual are for explanation purposes only and may differ from the actual unit. It is subjected to change without notice for future improvement.

HOW TO OPERATE

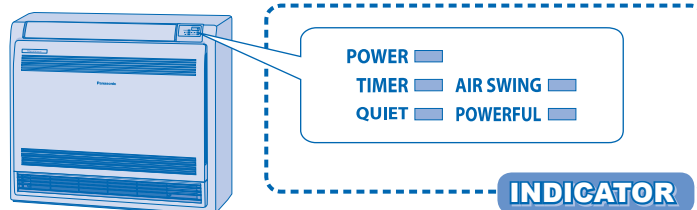
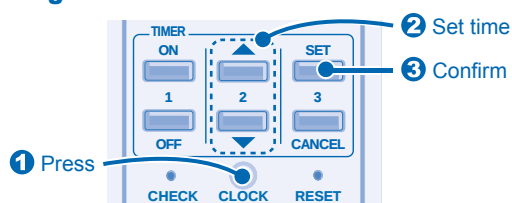
REMOTE CONTROL PREPARATION

Inserting the batteries



- The batteries can be used for approximately 1 year. Replace the batteries when the remote control display or transmission signal becomes weak.

Setting the current time



REMOTE CONTROL TRANSMITTER

- Make sure it is not obstructed.
- Certain fluorescent lights may interfere with signal transmission. Please consult your nearest dealer.

Maximum distances : 8m

MODE OPERATION



AUTO MODE - FOR YOUR CONVENIENCE

- Unit selects the operation mode according to temperature setting, outdoor and room temperature.
- Operation mode is reselected every 30 minutes. During initial operation mode selection, the power indicator blinks.

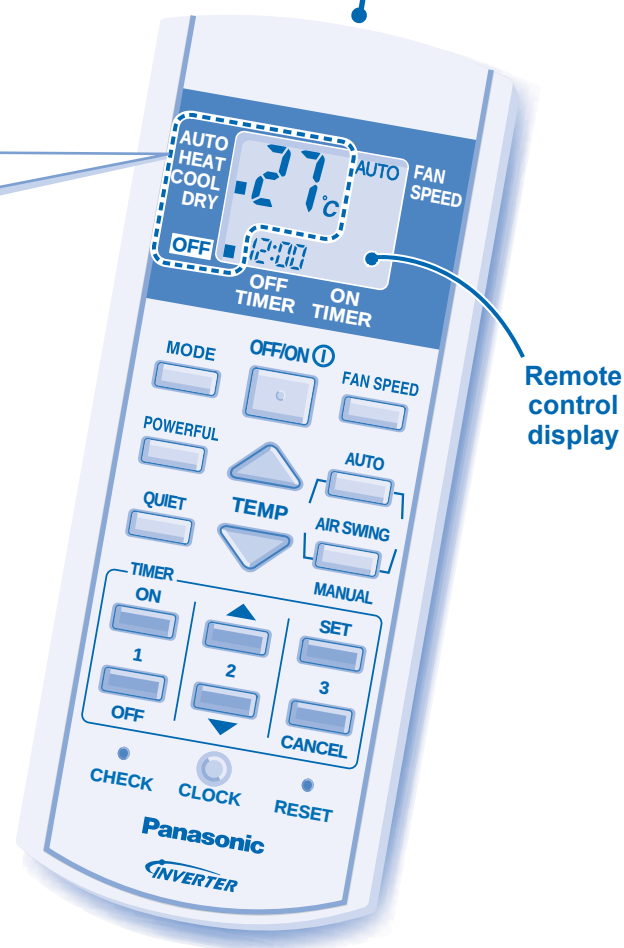
HEAT MODE - TO ENJOY WARM AIR

- In heat mode, it takes a while for the unit to warm up. The power indicator blinks during this operation.

COOL MODE - TO ENJOY COOL AIR

DRY MODE - TO DEHUMIDIFY THE ENVIRONMENT

- During soft dry operation, the indoor fan operates at low fan speed to give a very gentle cooling operation.
- The range of temperature for selection is 16°C ~ 30°C.
- Operating the unit within the recommended temperature could induce energy saving.
HEAT MODE : 20°C ~ 24°C.
COOL MODE : 26°C ~ 28°C.
DRY MODE : 1°C ~ 2°C lower than room temperature.



Remote control display

Notes:

- Press **RESET** button to restore the remote control's default setting.
- While using remote control, please be aware of the OFF indication on the remote control display to prevent the unit from starting / stopping improperly.

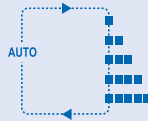
FEATURE OPERATION

FAN SPEED



TO SELECT FAN SPEED

- There are 5 fan speeds, as well as automatic*.
- * For automatic fan speed, the speed of the indoor fan is automatically adjusted according to the operation.



AUTO

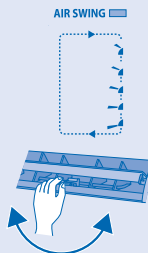
AIR SWING

AIR SWING

MANUAL

TO ADJUST AIRFLOW DIRECTION

- Keeps the room ventilated.
- AIR SWING - AUTO
 - In heat mode, the air blows upwards for a while, then starts to blow horizontally.
 - The vertical airflow louver swings up and down automatically.
- AIR SWING - MANUAL
 - The airflow direction can be adjusted as desired by using remote control.
- Do not adjust the vertical airflow direction louvers by hand.
- Both upper and lower horizontal airflow direction louvers are manually adjustable.



QUIET



TO ENJOY QUIET ENVIRONMENT

- This setting provides a quiet environment by reducing the airflow noise.



POWERFUL



TO ACHIEVE TEMPERATURE QUICKLY

- This setting enables the desired temperature to be reached quickly.
- POWERFUL operation will run for 20 minutes, after that this operation will stop automatically.



POWERFUL

QUIET

- and operations are available in all modes and could be cancelled by pressing the respective button again.
- and operations could not be activated at the same time.

TIMER SETTING

TO SET THE TIMER



- When you want the air conditioner to turn ON or OFF automatically at a preset time.

ON

1

OFF

Select ON or OFF timer.

2

Set the desired time.

SET

Confirm the setting.

To cancel ON or OFF timer, press

ON



OFF



SET



CANCEL



- When ON Timer is set, the unit may start earlier (up to 30 minutes) before the actual set time in order to achieve the temperature you preferred.
- The timers repeat daily once set.
- If there is a power failure, you can restore the previous setting (once power is resumed) by pressing the button.
- If the timer is cancelled, press to restore the previous setting.

- The timer is based on the time set in the remote control.
- You can set your preferred time for ON and OFF timers.

Hints

- Temperature setting of 1°C higher in cool mode or 2°C lower in heat mode than the desired temperature performs a 10% power saving.
- To reduce power consumption during cool mode, close the curtains to prevent the sunlight and heat from coming in.
- To set either 12-hour (am/pm) or 24-hour time indication, press and hold for approximately 10 seconds.

- To turn off the air conditioner, press .

CARE & CLEANING



Switch off the power supply before cleaning

AIR FILTER

- Clean the filters regularly.
- Wash/rinse the filters gently with water to avoid damage to the filter surface.
- Dry the filters thoroughly under the shade, away from fire or direct sunlight.

AUTO OFF/ON BUTTON

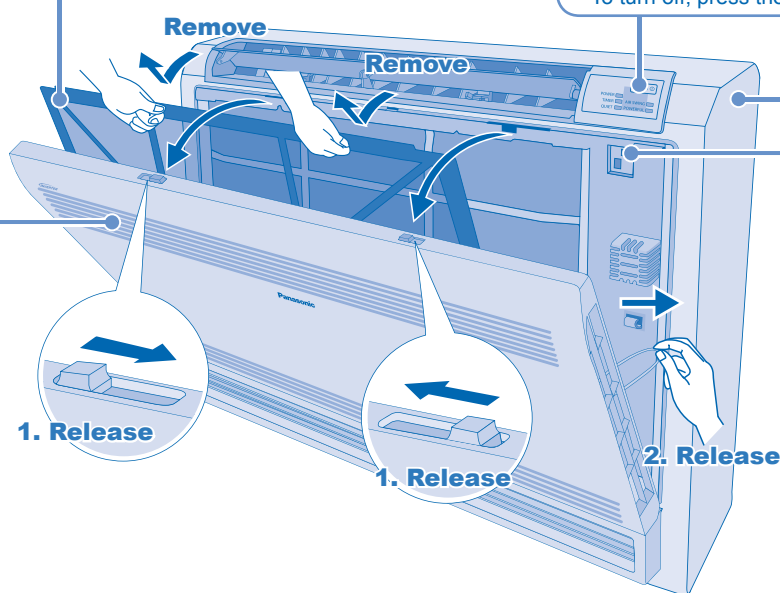
To operate the air-conditioner when the remote control is misplaced or malfunctioned.

Action	Mode
Press once.	Automatic
Press and hold until you hear one beep, then release.	Cooling
Press and hold until you hear one beep then release. Press and hold until you hear two beeps then release.	Heating

- To turn off, press the AUTO OFF/ON button again.

INDOOR UNIT

Wipe the unit gently with a soft, dry cloth.



1. Release

1. Release

2. Release

INTAKE GRILLE

1. Release 2 levers to open.
2. Release string to remove. Wash gently and dry.

AIR OUTLET SELECTION SWITCH

To select preferred airflow pattern.

Selection	Pattern	Description
		This setting blows air from upper outlet only.
		This setting automatically decides airflow pattern depending on mode and conditions (Default and recommended).
		For Heat mode, during start or low discharge temperature / For Cool mode, when setting temperature is achieved, the air is blown from the upper air outlet only.
		Air is blown from the upper and lower air outlets for high speed cooling during COOL mode, and for filling the room with warm air during HEAT mode.

WASHING INSTRUCTIONS

- Do not use benzene, thinner or scouring powder.
- Use only soap ($\approx$ pH7) or neutral household detergent.
- Do not use water hotter than 40°C.

Hints

- Clean the filter regularly for best performance and to reduce power consumption.
- Please consult your nearest dealer for seasonal inspection.

TROUBLESHOOTING

The following symptoms do not indicate malfunction.

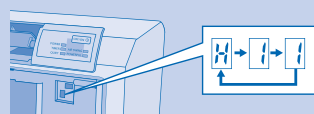
Symptom	Cause
Mist emerges from indoor unit.	■ Condensation effect due to cooling process.
Water flowing sound during operations.	■ Refrigerant flow inside the unit.
The room has a peculiar odour.	■ This may due to damp smell emitted by the wall, carpet, furniture or clothing.
Indoor fan stops occasionally during automatic fan speed setting.	■ This helps to remove the surrounding odours.
Operation is delayed a few minutes after restart.	■ The delay is a protection to the unit's compressor.
Outdoor unit emits water/steam.	■ Condensation or evaporation occurs on pipes.
Timer indicator is always on.	■ The timer setting repeats daily once set.
Power indicator blinks during operation and the indoor fan is stopped.	■ The unit is in defrost mode, and the melted frost is drained from the outdoor unit.
Indoor fan stops occasionally during heating operation.	■ To avoid unintended cooling effect.
Power indicator blinks before the unit is switched on.	■ This is a preliminary step in preparation for the operation when the ON timer has been set.

Check the following before calling for servicing.

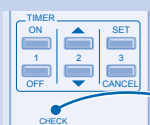
Symptom	Check
Heating/Cooling operation is not working efficiently.	■ Set the temperature correctly. ■ Close all doors and windows. ■ Clean or replace the filters. ■ Clean any obstruction at the air inlet and air outlet vents.
Noisy during operation.	■ Check if the unit has been installed at an incline. ■ Close the front panel properly.
Remote control does not work.	■ Insert the batteries correctly. ■ Replace weak batteries.
The unit does not work.	■ Check if the circuit breaker is tripped. ■ Check if timers have been set.

The unit stops and the timer indicator blinks.

Jot down error code at indicator.



If the error code does not appear at the indicator.



Press to retrieve error code, then jot down the error code at indicator.

- Turn the unit off and reveal the error code to your nearest dealer.

Note:

- The unit may be operable (with 4 beeps) on a limited basis, depending on the error.

FOR EXTENDED NON-USE

- Activate heat mode for 2~3 hours to thoroughly dry the unit.
- Turn off the power supply.
- Remove the remote control batteries.

SEASONAL INSPECTION AFTER EXTENDED NON-USE

- Checking of remote control batteries.
- No obstruction at air inlet and air outlet vents.
- After 15 minutes of operation, it is normal to have the following temperature difference between air inlet and air outlet vents:
Cooling: $\geq 8^{\circ}\text{C}$
Heating: $\geq 14^{\circ}\text{C}$

NON SERVICEABLE CRITERIAS

TURN OFF POWER SUPPLY and CALL Authorized Distributor under the following conditions:

- Abnormal noise during operation.
- Water/foreign particles have entered the remote control.
- Water leaks from Indoor unit.
- Circuit breaker switches off frequently.
- Power cord becomes unnaturally warm.
- Switches or buttons are not functioning properly.



QUICK GUIDE/GUÍA RÁPIDA/GUIA RÁPIDO/ ΣΥΝΤΟΜΟΣ ΟΔΗΓΟΣ

1

MODE

AUTO → HEAT
DRY ← COOL

Select the desired mode.
Seleccione el modo deseado.
Selecione o modo de
funcionamento pretendido.
Επιλέξτε την κατάσταση
λειτουργίας που επιθυμείτε.

2

OFF/ON ①



Start/stop the operation.
Inicie/detenga el funcionamiento.
Ligue/Desligue a unidade.
Ξεκινήστε/σταματήστε τη
λειτουργία.

3

TEMP

Select the desired temperature.
Seleccione la temperatura
deseada.
Programa a temperatura
desejada.
Επιλέξτε την επιθυμητή
θερμοκρασία.

4

FAN SPEED



Select fan speed.
Seleccione la velocidad del
ventilador.
Selecione a velocidade do
ventilador.
Επιλογή ταχύτητας ανεμιστήρα.

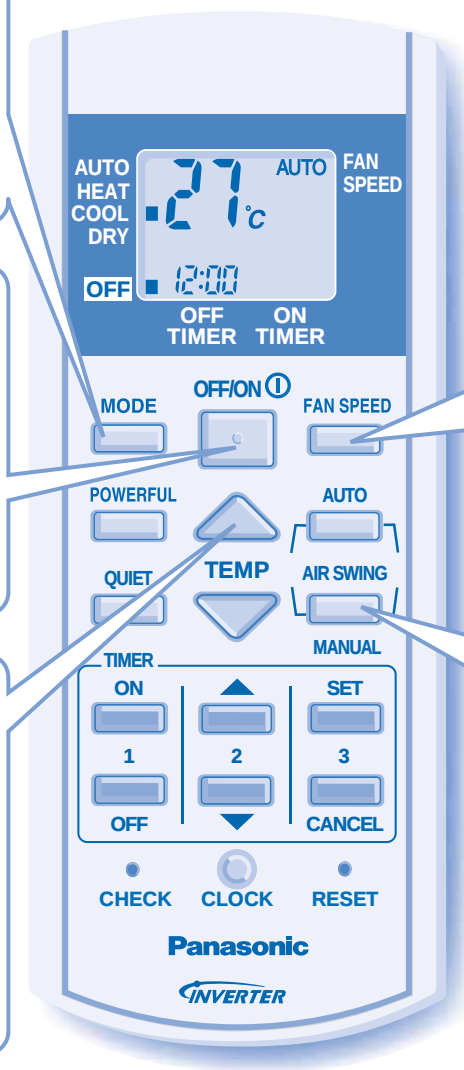
5

AUTO

AIR SWING

MANUAL

Adjust the airflow direction
louver.
Ajuste la persiana de dirección
del flujo de aire.
Ajuste a placa de direcção do
fluxo de ar.
Ρυθμίστε τη γρίλια κατεύθυνσης
της ροής του αέρα.



For detailed explanation, please refer to pages 4 ~ 5.

Para una explicación detallada, por favor lea las páginas 10 y 11.

Consulte as páginas 16 ~ 17 para obter uma explicação mais pormenorizada.

Για λεπτομερή εξήγηση, ανατρέξτε στις σελίδες 22 ~ 23.

Matsushita Electric Industrial Co., Ltd.

Web Site: <http://www.panasonic.co.jp/global/>